

AMENDMENT TO THE CLAIMS

Please amend the presently pending claims as follows:

- 1.(Currently Amended) A Kelvin connector for coupling to a post of a battery, comprising:
a first contact having a surface which at least partially conforms to and is adapted to engage and electrically connect to a surface of such post;
a second contact having a surface which at least partially conforms to and is adapted to engage and electrically connect to the surface of such post; and
an electrical insulator between, and at least partially overmolded on, the first contact and the second contact to mechanically connect the contacts together and to align the surface of the first contact and the surface of the second contact against the surface of such post and thereby form a Kelvin connection to such post, wherein the first contact, the second contact and the insulator form a closed loop that is used to encircle such battery post.
- 2.(Canceled)
- 3.(Original) The apparatus of claim 1 wherein the first contact and the second contact oppose each other.
- 4.(Original) The apparatus of claim 1 wherein the first contact comprises:
an insulator support portion which is embedded within the electrical insulator; and
a post grasping portion on which the surface of the first contact resides.
- 5.(Canceled)
- 6.(Canceled)
- 7.(Canceled)

8.(Canceled)

9.(Previously Presented) The apparatus of claim 1 further comprising a first connection bar integral with the first electrical contact and a second connection bar integral with the second electrical contact.

10.(Original) The apparatus of claim 1 wherein the first electrical contact and the second electrical contact are formed from electrically conductive sheet metal.

11.(Original) The apparatus of claim 1 wherein the first electrical contact and the second electrical contact are copper pieces with solder plating.

12.(Original) The apparatus of claim 1 wherein the insulator comprises plastic.

13.(Original) The apparatus of claim 1 wherein the insulator comprises a composite material.

14.(Canceled)

15.(Canceled)

16.(Canceled)

17.(Canceled)

18.(Canceled)

19.(Canceled)

20.(Canceled)